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DUNLAP, CODDING & ROGERS, P.C.

Image 1653#

Express Mail No. EL 964151161 US

Deposited on: November 14, 2003

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/879,959
Filing Date	06/13/2001
First Named Inventor	Paul H. Weigel, et al.
Group Art Unit	1653
Examiner Name	G. Bugaisky
Attorney Docket Number	35541.049

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

- ☒ Fee Transmittal Form
☐ Fee Attached
☐ Amendment / Reply
☐ After Final
☐ Affidavits/declaration(s)
☐ Extension of Time Request
☐ Express Abandonment Request
☒ Information Disclosure Statement
☐ Certified Copy of Priority Document(s)
☐ Response to Missing Parts/ Incomplete Application
☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
☐ Drawing(s)
☐ Licensing-related Papers
☐ Petition
☐ Petition to Convert to a Provisional Application
☐ Power of Attorney, Revocation Change of Correspondence Address
☐ Terminal Disclaimer
☐ Request for Refund
☐ CD, Number of CD(s) _____

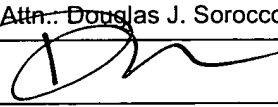
- ☐ After Allowance Communication to Group
☐ Appeal Communication to Board of Appeals and Interferences
☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
☐ Proprietary Information
☐ Status Letter
☒ Other Enclosure(s) (please identify below):

See remarks below:

Remarks


1. Transmittal Form (1 page);
2. Fee Transmittal Form (1 page);
3. Information Disclosure Statement (6 pages);
4. Information Disclosure Statement by Applicant (6 pages);
5. Copies of Cited Art; and
6. Return Receipt Post Card.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	DUNLAP, CODDING & ROGERS, P.C., Customer Number 30589 Attn: Douglas J. Sorocco, P. O. Box 16370, Oklahoma City, Oklahoma 73113
Signature	
Date	11.14.03

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail or U.S. Express mail no. EL 964151161 US in an envelope addressed to the address below on this date: November 14, 2003

Typed or printed name	Douglas J. Sorocco, Reg. No. 43,145
Signature	

Date 11.14.03

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Date Deposited: 11/14/2003Approved for use through 10/31/2002. OMB 0651-0032
DUNLAP, CODDING & ROGERS, P.C. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PTO/SB/17 (10-02)

FEE TRANSMITTAL
for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 180**Complete if Known**

Application Number	09/879.959
Filing Date	06/13/2001
First Named Inventor	Paul H. Weigel, et al.
Examiner Name	G. Bugaisky
Art Unit	1653
Attorney Docket No.	35541.049

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ None☒ Deposit Account:Deposit Account Number
Deposit Account Name

04-1700

Dunlap, Coddling & Rogers, P.C.
Customer No. 30589

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	** =	X	= \$0
Multiple Dependent	** =	X	= \$0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			(\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity


Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Douglas J. Sorocco	Registration No. (Attorney/Agent)	43,145	Telephone	(405) 607-8600
Signature		Date	11/14/2003		

SEND TO:

Commissioner for Patents
PO Box 1450, Alexandria, VA 22313-1450

EXPRESS MAIL NO.: EL 964151161 US
DATE DEPOSITED: November 14, 2003

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paul H. Weigel, et al.

Atty. Dkt. No. 35541.049

Serial No.: 09/879,959

Art Unit: 1653

Filed: June 13, 2001

Examiner: G. Bugaisky

For: STREPTOCOCCUS EQUISIMILIS
HYALURONAN SYNTHASE GENE
AND EXPRESSION THEREOF
IN BACILLUS SUBTILIS

Confirmation No. 6465

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

1. ☒ Preliminary Statements
2. ☒ Forms PTO/SB/08A and 08B (formerly Form PTO-1449)
3. ☒ Statement as to Information Not Found in Patents or Publications
4. ☐ Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted
5. ☐ Cumulative Patents or Publications

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- 6. ☒ Copies of Listed Information Items Accompanying this Statement
- 7. ☐ Concise Explanation of Non-English Language Listed Information Items
 - 7A. ☐ EPO Search Report
 - 7B. ☐ English Language Version
- 8. ☐ Translation(s) of Non-English Language Documents
- 9. ☐ Concise Explanation of English Language Listed Information Items (Optional)
- 10. ☒ Identification of Person(s) Making this Information Disclosure Statement

Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Section 2. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)

- ☒ A completed Form PTO/SB/08A and/or Form PTO/SB/08B is attached hereto.

Section 3. Statement as to Information Not Found in Patents or Publications (Information Not Listed in Form PTO-1449)

The present invention relates to a DNA sequence encoding hyaluronan synthase from *Pasturella multocida*. More particularly, the present invention relates to a DNA sequence encoding hyaluronan synthase from *Pasturella multocida* which is capable of being placed into a recombinant construct so as to be able to express hyaluronan synthase in a foreign host. The present invention also relates to methods of using a DNA sequence encoding hyaluronan synthase from *Pasturella multocida* to (1) make hyaluronan polymers of varying size distribution; (2) make hyaluronan polymers incorporating substitute or additional base sugars; (3) develop new and novel animal vaccines; and (4) develop new and novel diagnostic tests for the detection and identification of animal pathogens.

Section 4. Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. _____, filed on _____ (date).

(complete the following, if applicable)

[] This application also relies, under 35 U.S.C. 120, on the earlier filing date of prior application Serial No. _____, filed on _____ (date).

The following references were submitted to, and/or cited by, the Office in the prior application(s) and therefore, are not required to be provided in this application:

Section 5. Cumulative Patents or Publications

STATEMENT

_____ is cumulative of the following patents or publications listed on Form PTO-1449:

In accordance with 37 C.F.R. § 1.98(c), a copy of only _____ is being submitted with this Information Disclosure Statement.

Section 6. Copies of Listed Information Items Accompanying this Statement

Legible copies of all items listed in Form PTO-1449 (Modified) accompany this information disclosure statement.

☐ Exception(s) to above:

☐ Items in prior application from which an earlier filing date is claimed for this application, as identified in Section 4.

☐ Cumulative patents or publications identified in Section 5.

Section 7. Concise Explanation of Non-English Language Listed Information Items

Section 7A. Concise Explanation of Non-English Language Listed Information Items - EPO Search Report

The relevance with respect to the following citations listed on Form PTO-1449:

is submitted on the basis of accompanying:

(check the appropriate item)

☐ EPO search report that is in the English language,

☐ EPO search report that is not in the English language and that is accompanied also by an English language version of the EPO search report,

that issued on the corresponding European patent application.

Section 7B. Concise Explanation of Non-English Language Listed Information Items - English Language Version of EPO Search Report

Section 8. Translation(s) of Non-English Language Documents

- ☐ Submitted herewith is an English translation of the following foreign language patents, publications or information or of those portions of those patents, publications or information considered to be material:

(complete the following, if applicable)

- ☐ No English language translations of the foreign language parents, publications or information or parts thereof are readily available, except for those listed above.
- ☐ The following foreign language documents submitted are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith.

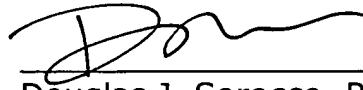
Section 9. Concise Explanation of English Language Listed Information Items (OPTIONAL)

Section 10. Identification of Person(s) Making this INFORMATION DISCLOSURE STATEMENT

The person making this statement is the agent/attorney who signs below on the basis of the information:

- ☐ supplied by the inventor(s)
- ☐ supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)).
- ☒ in the agent/attorney's file

Respectfully submitted,



Douglas J. Sorocco, Reg. No. 43,145
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Express Mail: EL 964151161 US
Date Deposited: 11/14/2003

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 6

Completion if Known

Application Number	09/879,959
Filing Date	06/13/2001
First Named Inventor	Paul H. Weigel, et al.
Group Art Unit	1653
Examiner Name	G. Buqaisky
Attorney Docket Number	35541.049

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1	4169886		Hertman et al.	10/02/1979	
	2	4224179		Schneider	09/23/1980	
	3	4235871		Papahadjopoulos, et al.	11/25/1980	
	4	4511478		Nowinski, et al.	04/16/1985	
	5	4517295		Bracke, et al.	05/14/1985	
	6	4615697		Robinson	10/07/1986	
	7	4708861		Popescu, et al.	11/24/1987	
	8	4780414		Nimrod, et al.	10/25/1988	
	9	4782046		Brown, et al.	11/01/1988	
	10	4784990		Nimrod, et al.	11/15/1988	
	11	4801539		Akasaka, et al.	01/31/1989	
	12	4822867		Erhan	04/18/1989	
	13	4885244		Miyamori et al.	12/05/1989	
	14	4983392		Robinson	01/08/1991	
	15	5015577		Weigel, et al.	05/14/1991	
	16	5023175		Hosoya, et al.	06/11/1991	
	17	5071751		Morita, et al.	10/12/1991	
	18	5171689		Kawaguri, et al.	12/15/1992	
	19	5217743		Farah	06/08/1993	
	20	5337747		Neftel	08/16/1994	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A		0036776 EPO		Kleid, et al.	05/11/1988		
	B		0144019 EPO		Brown, et al.	06/13/1990		
	C		0195303 EPO		Grandi, et al.	11/08/1989		
	D		0244757 EPO		Hosoya, et al.	11/09/1994		
	E		0266578 EPO		Miyamori, et al.	07/07/1993		
	F		91/03559 WO		Weigel, et al.	03/21/1991		
	G		94/00463 WO		Prehm, et al.	01/06/1994		
	H		95/24497 WO		Lansing, et al.	09/14/1995		
	I		95/33067 WO		Stohl, Sten	12/07/1995		
	J		97/20061 WO		Wong, et al.	06/05/1997		

Examiner Signature

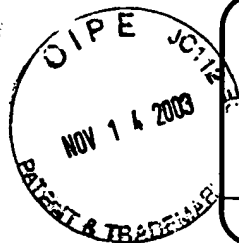
Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (08-00)
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Complete if Known

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First Named Inventor	Paul H. Weigel, et al.
Group Art Unit	1653
Examiner Name	G. Bugaisky
Attorney Docket Number	35541.049

(use as many sheets as necessary)

Sheet	2	of	6
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FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				
—	K		8-38336 JP		Itano, et al.	1996	
—	L		4-124854 JP			1992	
—	M		4-134854 JP			1992	
—	N		61-257169 JP			1986	
—	O		4-80202			03/13/1992	
—	P		63094988 JP			1988	
—	Q		62032893 JP			1987	
—	R		4-158796 JP			1992	
—	S		2249315 GB		Satch, et al.	05/06/1992	

Date
Considered

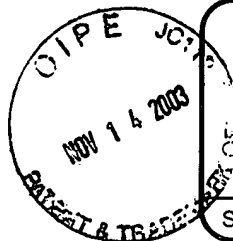
¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 6

Compleat if Known

Application Number	09/879,959
Filing Date	06/13/2001
First Named Inventor	Paul H. Weigel, et al.
Group Art Unit	1653
Examiner Name	G. Buqaiky
Attorney Docket Number	35541.049

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AA	"THE PRODUCTION OF CAPSULES, HYALURONIC ACID AND HYALURONIDASE BY GROUP A AND GROUP C STREPTOCOCCI", MacLennan, J. Gen. Microbiol., 14:134-142 (1956).	
	BB	"THE ISOLATION AND CHARACTERIZATION OF A HYALURONIDASE PRODUCED BY A CAPSULATED STRAIN OF GROUP C STREPTOCOCCUS", MacLennan, J. Gen. Microbiol., 14:143-152 (1956).	
	CC	"THE BIOSYNTHESIS OF HYALURONIC ACID BY GROUP A STREPTOCOCCUS", Markovitz et al., J. Biol. Chem., 234 (9):2343-2350 (1959).	
	DD	"THE BIOSYNTHESIS OF HYALURONIC ACID BY STREPTOCOCCUS," Stoolmiller, et al., Journal of Biological Chemistry, Vol. 244, No. 2, pp. 236-246 (1969).	
	EE	"THE ISOLATION AND CHARACTERIZATION OF HYALURONIC ACID FROM PASTEURELLA MULTOCIDA", Cifonelli, et al., Carbohydrate Research, 14, 272-276, (1970).	
	FF	"BIOSYNTHESIS OF HYALURONIC ACID BY STREPTOCOCCUS", Sugahara et al., J. Biol. Chem., 254:6252-6261 (1979).	
	GG	"MODERN GENETICS," Ayala, et al., Benjamin/Cummings Publishing Col., Menlo Park CA, p. 45 (1980).	
	HH	"HYALURONIDASE PRODUCTION BY TYPE B PASTEURELLA MULTOCIDA FROM CASES OF HEMORRHAGIC SEPTICEMIA", Carter, et al., Journal of Clinical Microbiology, p. 94-96, (1980).	
	II	"STRAINS OF ESCHERICHIA COLI CARRYING THE STRUCTURAL GENE FOR HISTIDYL-tRNA SYNTHETASE ON A HIGH COPY-NUMBER PLASMID," Eisenbeis, et al., Mol. Gen. Genet. 183:115-122 (1981).	
	JJ	"SYNTHESIS OF HYALURONATE IN DIFFERENTIATED TERATOCARCINOMA CELLS," Prehm, et al., J. Biochem, Vol. 211, pp. 181-189 (1983).	
	KK	"STREPTOCOCCAL HYALURONIC ACID: PROPOSED MECHANISMS OF DEGRADATION AND LOSS OF SYNTHESIS DURING STATIONARY PHASE", Van de Rijn, J. Bacteriol., 156(3):1059-1065 (1983).	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 4 of 6

Complete if Known

Application Number	09/879,959
Filing Date	06/13/2001
First Named Inventor	Paul H. Weigel, et al.
Group Art Unit	1653
Examiner Name	G. Buqaisky
Attorney Docket Number	35541.049

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	LL	"SOLUBILIZATION OF HYALURONIC ACID SYNTHETIC ACTIVITY FROM STREPTOCOCCI AND ITS ACTIVATION WITH PHOSPHOLIPIDS", Triscott et al., J. Biol. Chem., 261(13):6004-6009 (1986).	
	MM	"ISOLATION OF STREPTOCOCCAL HYALURONATE SYNTHASE", Prehm et al., Biochem. J., 235:887-889 (1986).	
	NN	"ISOLATION, STRUCTURE AND EXPRESSION OF MAMMALIAN GENES FOR HISTIDYL-IRNA SYNTHETASE," Tsui, et al., Nucleic Acids Research, Vol. 15, No. 8, pp. 3349-3367, (1987).	
	OO	"SHUTTLE VECTORS CONTAINING A MULTIPLE CLONING SITE AND A LACZA GENA FOR CONJUGAL TRANSFER OF DNA FROM ESCHERICHIA COLI TO GRAM-POSITIVE BACTERIA," Trieu-Cout, et al., Gene, Vol. 102, pp. 99-104, (1991).	
	PP	"ANALYSIS OF THE STREPTOCOCCAL HYALURONIC ACID SYNTHASE COMPLEX USING THE PHOTOAFFINITY PROBE 5-AZIDO-UDP-GLUCURONIC ACID," Van de Rijn, et al., J. Biol., Chem., Vol. 267, No. 34, pp. 24302-24306, (1992).	
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	VV	"MOLECULAR CHARACTERIZATION OF HASB FROM AN OPERON REQUIRED FOR HYALURONIC ACID SYNTHESIS IN GROUP A STREPTOCOCCI," Dougherty, et al., J. Biol. Chem., Vol. 268, No. 10, pp. 7118-7124, (1993).	

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Sheet 5 of 6

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Application Number	09/879,959
Filing Date	06/13/2001
First Named Inventor	Paul H. Weigel, et al.
Group Art Unit	1653
Examiner Name	G. Buqaikv
Attorney Docket Number	35541.049

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	WW	"MOLECULAR CLONING, IDENTIFICATION, AND SEQUENCE OF THE HYALURONAN SYNTHASE GENE FROM GROUP A STREPTOCOCCUS PYOGENES," DeAngelis, et al., J. Biol. Chem., Vol. 268, No. 26, pp. 19181-19184, (1993).	
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	hh	"MOLECULAR CLONING, EXPRESSION, AND CHARACTERIZATION OF THE AUTHENTIC HYALURONAN SYNTHASE FROM GROUP C STREPTOCOCCUS EQUISIMILIS", Kumari and Weigel, J. Biol. Chem., 272(51): 32539-32546 (1997).	
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